



THESIS APPROVAL
GRADUATE SCHOOL, KASETSART UNIVERSITY

Doctor of Philosophy (Chemistry)

DEGREE

Chemistry

FIELD

Chemistry

DEPARTMENT

TITLE: Theoretical Investigation on Structural and Electronic Properties of
Fluorene-Pyridine Copolymer

NAME: Miss Rungtiwa Chidthong

THIS THESIS HAS BEEN ACCEPTED BY

THESIS ADVISOR

(Associate Professor Supa Hannongbua, Dr.rer.nat.)

COMMITTEE MEMBER

(Professor Peter Wolschann, Dr.rer.nat.)

COMMITTEE MEMBER

(Mr. Chak Sangma, Ph.D.)

COMMITTEE MEMBER

(Assistant Professor Waraporn Parasuk, Dr.rer.nat.)

DEPARTMENT HEAD

(Assistant Professor Noojaree Prasitpan, Ph.D.)

APPROVED BY THE GRADUATE SCHOOL ON _____

DEAN

(Associate Professor Vinai Artkongharn, M.A.)